Tuesday 26 March 2019

08:00	**Registration & Early Morning Coffee** *Location: Newton Reception*
09:00	**Welcome & Logistics** *Location: Newton Room*
09:15	Key Note on Quality Forecasting *by Mr. Tom van de Ven (Sogeti Nederland B.V.)*
Session 1	**Simulators and Simulation Based Development** *Location: Newton Room*
10:00	A Digital Environment for Early Design, Analytics, and Verification *Presenting author: C. Hennig (Airbus DS Germany)*
10:30	Lessons learned: Experience of a SMP2 compliant Hardware-In-the-Loop simulation framework *Presenting author: A. Weihusen (OHB System AG Germany)*
11:00	**Coffee Break** *Location: Exhibition Area*
11:30	SIMULUS Next Generation (SIM NG) *Presenting author: P. Steele (ESA)*
12:00	An experimental ECSS SMP development and runtime environment *Presenting author: P. Fritzen (Telespazio Vega Germany)*
12:30	Ariane 6 Simulation infrastructure to validate the Automated Procedures Software *Presenting author: E. Huguet (GTD Sistemas De Información)*
13:00	**Lunch Break** *Location: ESTEC Restaurant*
14:00	Designing a Simulation Environment fit for the next ten years *Presenting author: A. Ingenito (Telespazio Vega Deutschland GmbH)*
14:30	Satellites Constellation Simulators challenges *Presenting author: O. Cambon (Airbus DS France)*
15:00	Digital Twin – the next step of tool integration *Presenting author: H. Eisenmann (Airbus DS Germany)*
15:30	**Tool Vendors - Flash presentations**
16:00	**Coffee Break** *Location: Exhibition Area*
Session 2	**RatioSim** *Location: Newton Room*
16:30	Introduction *by Mr. Robert Blommestijn (ESA/ESTEC)*
16:45	RatioSim Status: several presentations given by the Stakeholders
18:00	**Welcome Drink** *Location: Exhibition Area*

Wednesday 27 March 2019

Time	Event
08:00	**Registration & Early Morning Coffee** *Location: Newton Reception*
08:55	**Welcome & Logistics** *Location: Newton Room*
Session 3	**Advanced AIT (Special Focus)** *Location: Newton Room*
09:00	Improving AIT through integration of supply chain data into early-phase concept design *Presenting author: K. Kumar (Satsearch Netherlands)*
09:30	Applying Industry 4.0 Concepts and Solutions for Monitoring Spacecraft Long Term Storage *Presenting author: D. De Pasquale (Intelligentia)*
10:00	Big-data for satellite control and testing *Presenting author: I. Alles (Thales Alenia Space France)*
10:30	**Coffee Break / Poster Session** *Location: Exhibition Area*
11:30	A Cloud-Based Tool for Automating Software Testing in Space Projects *Presenting author: D. De Pasquale (Intelligentia)*
12:00	TeDIN / IRiS - Traceability of equipment & Document for INnovative solutions Increased Reality for innovative Solutions *Presenting author: J. Boldrini (Thales Alenia Space France)*
12:30	TALENT – An advanced test analysis and evaluation framework *Presenting author: B. Kircher (Airbus DS Germany)*
13:00	**Lunch Break** *Location: ESTEC Restaurant*
14:00	Interactive Session on Advanced AIT
16:00	**Coffee Break** *Location: Exhibition Area*
Session 4	**Methods & Tools** *Location: Newton Room*
16:30	Multi-Domain Model-to-Model Transformations *Presenting author: C. Lumet (Spacebel France)*
17:00	ARM Processors; Challenges for Next Generation Spacecraft Simulators *Presenting author: W. Arrouy (Airbus DS France)*
17:30	Development of Modular Spacecrafts with Experimentable Digital Twins *Presenting author: T. Osterloh (RWTH Aachen University)*
18:00	**Key Note on Deep Learning: transforming computing in the age of AI** *by Mr. Yury Uralsky (Nvidia)*
19:00	**Conference Dinner** *Location: ESTEC Restaurant (Crabtail)*

Thursday 28 March 2019

Time	Session
08:00	**Registration & Early Morning Coffee** *Location: Newton Reception*
08:55	**Welcome & Logistics** *Location: Newton Room*
Session 4	**Methods & Tools (continued)** *Location: Newton Room*
09:00	Early-IVV with SmartCube *Presenting author: I. Avila Martinez (Thales Alenia Space France)*
09:30	Converged CCS - A unified Tests and Operations Environment from tests definition to test data analysis and in-orbit satellite control *Presenting author: R. Guerra (Thales Alenia Space France)*
10:00	Benefiting of Digitalization for Spacecraft Engineering, first results and lessons learnt *Presenting author: C. Cazenave (Airbus DS France)*
10:30	**Coffee Break** *Location: Exhibition Area*
11:15	DevOps & FITNESS Platform *Presenting author: G. Salanie (Thales Alenia Space France)*
Session 5	**EGSE** *Location: Newton Room*
11:45	OPEN: A community based preparation environment for EGS-CC based systems *Presenting author: F. Trifin (ESA/ESOC)*
12:15	Developing EGS-CC based applications; the EGOS-CC experience *Presenting author: A. Walsh (ESA/ESOC)*
12:45	**Lunch Break** *Location: ESTEC Restaurant*
13:45	The future of EGSE and Modems: Closing the gap between Large Satellites and Small/CubeSats *Presenting authors: J. Schoenmaker & B. Tatman (Celestia)*
14:15	WebUI - rapid UI development for EGS-CC with modern web technologies *Presenting author: D. Walczak (Recoded)*
14:45	ATENA+ — EGS-CC-compatible automation system for AIT/AIV and Operations based on OTX *Presenting author: G. Taberski (ITTI)*
15:15	**Closing** *Location: Newton Room*